EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1837	703/2.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/23 10:10
S2	11	S1 and DAG	US-PGPUB; USPAT	OR	OFF	2006/06/23 10:50
S3	1049	DAG and Cyclic$4	US-PGPUB; USPAT	OR	OFF	2006/06/23 11:01
S4	1	"5825651".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/23 11:02
S5	220	700/103.ccls.	US-PGPUB; USPAT	OR	OFF	2006/06/23 11:02
S6	38	("4796194" | "5019961" | "5019992" | "5355317" | "5357440" | "5586052" | "5659478").PN. OR ("5825651").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 11:27
S7	132	combin$5 with DAG	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 11:53
S8	817	703/1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 12:55
S9	1	"5996114".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 12:40
S10	0	(configration adj rule)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 12:44
S11	2	US-6003012-$.DID. OR US-6009406-$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 12:47
S12	19	("5630025" "6083267" "5515524" "5708798" "5295067" "4847761" "6216109" "5216612" "5960422" "5311424" "5796614" "6314422" "5806069" "5598511" "4939668" "4700317" "6002854" "5329464" "4831546").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 14:10
S15	1667	combin$4 with product with (model instance)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 12:55
S16	5	S15 and DAG	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 12:57
S17	26	configurat$4 with (DAG (Directed adj cyclic adj graph))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 12:59

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S18	66	(join$5 intersect$4 union disjunction) with (DAG (Directed adj cyclic adj graph))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 13:14
S19	19	(inconsistan$6 error (non adj combina$4) incompatibl$4) with (DAG (Directed adj cyclic adj graph))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 13:14
S20	5	S18 and S19	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 13:01
S21	6	S19 and (fix$4 correct$4 remed$4 solv$4) with (inconsistan$6 error (non adj combina$4) incompatibl$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 13:07
S22	4	S18 and (fix$4 correct$4 remed$4 solv$4) with (inconsistan$6 error (non adj combina$4) incompatibl$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 13:07
S26	1	(US-20020165701-$).did.	US-PGPUB	OR	OFF	2006/06/23 13:32
S27	389	(consolidat$4 with model$4)	US-PGPUB	OR	OFF	2006/06/23 13:13
S28	81	(join$5 intersect$4 union disjunction) with (DAG (Directed adj acyclic adj graph))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:25
S29	24	(inconsistan$6 error (non adj combina$4) incompatibl$4) with (DAG (Directed adj acyclic adj graph))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 13:14
S31	1	S26 and (correct$4 fix$4 remed$4)	US-PGPUB	OR	OFF	2006/06/23 13:23
S32	0	S26 and (rule with incompatib$7)	US-PGPUB	OR	OFF	2006/06/23 13:23
S34	0	DAG and (rule with incompatib$7)	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:24
S36	0	DAG and (rule with inconsistant)	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:25
S37	2	DAG and (rule with (incompatib$6 inconsistant))	US-PGPUB; USPAT	OR	ON	2006/06/23 13:26
S38	22054	(detect$4 identify$4) with (rule inquality inconsist$8 incompatib$8)	US-PGPUB; USPAT	OR	ON	2006/06/23 13:29
S39	282	S38 and (DAG (directed with acyclic with graph))	US-PGPUB; USPAT	OR	ON	2006/06/23 13:30
S40	110	(detect$4 identify$4) with (rule) with (inquality inconsist$8 incompatib$8)	US-PGPUB; USPAT	OR	ON	2006/06/23 13:30
S41	1	S40 and (DAG (directed with acyclic with graph))	US-PGPUB; USPAT	OR	ON	2006/06/23 13:30
S42	1	S26 and (inconsist$8 incompatib$8)	US-PGPUB	OR	OFF	2006/06/23 13:34
S43	0	"6009406".pn.	US-PGPUB	OR	OFF	2006/06/23 13:34

EAST Search History

S44	1	"6009406".pn.	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:37
S45	44	(correct$4 with DAG)	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:37
S46	12	US-5515524-$.DID. OR US-5523942-$.DID. OR US-5825651-$.DID. OR US-5873081-$.DID. OR US-5996090-$.DID. OR US-6167383-$.DID. OR US-6192355-$.DID. OR US-6230200-$.DID. OR US-6247128-$.DID. OR US-6300948-$.DID. OR US-6343313-$.DID. OR US-6430531-$.DID.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 14:20
S47	44	intersecting with rule with set	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 14:25
S48	12	graph with rule with intersect$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 14:21
S49	258	(DAG (Directed adj acyclic adj graph)) and (combin$4 with (rule model))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:26
S50	59	(DAG (Directed adj acyclic adj graph)) and (combin$4 adj2 (rule model))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:26

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Inventor Name Search Result

Your Search was:

Last Name = BECK
First Name = BRANDON

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10827078	Not Issued	30	04/19/2004	Consolidation of product data models	BECK, BRANDON M.
10957919	Not Issued	30	10/04/2004	Complex configuration processing using configuration sub-models	BECK, BRANDON M.
11034141	Not Issued	30	01/12/2005	Attribute prioritized configuration using a combined configuration-attribute data model	BECK, BRANDON M.
11033915	Not Issued	30	01/12/2005	Steerable sheath	BECK, BRANDON N.
60536588	Not Issued	159	01/15/2004	Steerable sheath	BECK, BRANDON N.
60715613	Not Issued	20	09/12/2005	Compression staple	BECKENDORF, BRANDON
11381961	Not Issued	20	05/05/2006	Orthodontic Plate and Method	BECKENDORF, BRANDON G.

Inventor Search Completed: No Records to Display.

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Day : Friday
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Inventor Name Search Result

Your Search was:

Last Name = SMITH
First Name = SHAWN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09192164	6185707	150	11/13/1998	IC TEST SOFTWARE SYSTEM FOR MAPPING LOGICAL FUNCTIONAL TEST DATA OF LOGIC INTEGRATED CIRCUITS TO PHYSICAL REPRESENTATION	SMITH, SHAWN
10998187	Not Issued	30	11/26/2004	Two-component, rectifying-junction memory element	SMITH, SHAWN
11229440	Not Issued	20	09/07/2005	Pointing device and method of using same	SMITH, SHAWN
60073442	Not Issued	159	02/02/1998	SYSTEM AND METHOD FOR PROVIDING VOICE MESSAGING SERVICE UTILIZING A NETWORK CONNECTION	SMITH, SHAWN
60442812	Not Issued	159	01/28/2003	Add-a-drain	SMITH, SHAWN
60468488	Not Issued	159	05/07/2003	Sealed tank low flush toilet	SMITH, SHAWN
60525056	Not Issued	159	11/25/2003	Simplified, low switching voltage organic-on-inorganic diode memory element utilizing a conductive polymer fuse on a doped Si substrate	SMITH, SHAWN
60652512	Not Issued	159	02/14/2005	Add-a-drain	SMITH, SHAWN
09663095	6428412	150	09/15/2000	GAMING MACHINE WITH INTERLINKED ARRANGEMENTS OF PUZZLE ELEMENTS	SMITH, SHAWN A.
10266308	Not Issued	61	10/08/2002	Configuration representation and modeling using configuration spaces	SMITH, SHAWN A. P.
10798615	Not Issued	30	03/11/2004	Method and system for generating comparison of demand and supply data with high resolution capabilities	SMITH, SHAWN A. P.
10827078	Not Issued	30	04/19/2004	Consolidation of product data models	SMITH, SHAWN A. P.
10404891	Not Issued	41	03/31/2003	Configuration model consistency checking using flexible rule space subsets	SMITH, SHAWN A.P.
10796317	Not Issued	20	03/09/2004	Session-based processing method and system	SMITH, SHAWN A.P.
11276970	Not Issued	19	01/01/0001	Edible Glue Stick for Cats	SMITH, SHAWN B
10194920	6965895	150	07/12/2002	METHOD AND APPARATUS FOR ANALYZING MANUFACTURING DATA	SMITH, SHAWN B.
60305256	Not Issued	159	07/16/2001	Automated method for using unsupervised neural networks for discovering and ranking data correlations in an unknow data set	SMITH, SHAWN B.
60308122	Not Issued	159	07/30/2001	Method for automating data mining in an application service provider (ASP) model	SMITH, SHAWN B.
60308124	Not Issued	159	07/30/2001	System and method for efficient management, reference, and extraction of large quantities of un-structured relational data	SMITH, SHAWN B.

60308125	Not Issued	159	07/30/2001	Central control application for flexible branched data mining and statistical analysis for the purpose of automated exploration of statistical comparisons in unknown data sets	SMITH, SHAWN B.
60309787	Not Issued	159	08/06/2001	Fast statistical scoring and ranking method for correlating numbers to categories or attributes (e.g. Tool Ids).	SMITH, SHAWN B.
60310632	Not Issued	159	08/06/2001	Fast statistical scoring and ranking method for correlating numerical data by treating data distributions as a series of categories based upon a user configurable parameters which determines how much data is placed in each category	SMITH, SHAWN B.
60308121	Not Issued	159	07/30/2001	Method for digitizing and analyzing temporal based operating condition data produced in a manufacturing environment	SMITH, SHAWN B.
60308123	Not Issued	159	07/30/2001	Data translation, SW program, and ranking algorithm use to perform die level defect correlation analysis in unknown data sets	SMITH, SHAWN B.
10286029	Not Issued	30	11/01/2002	Method of ordering pharmaceutical and vaccine products	SMITH, SHAWN C.
60336003	Not Issued	159	11/01/2001	Method of ordering pharmaceutical and vaccine products	SMITH, SHAWN C.
60468473	Not Issued	159	05/06/2003	Consequence management system and method	SMITH, SHAWN D.
07691117	D327536	150	04/25/1991	AIR PURIFYING UNIT FOR REMOVING SMOKE FROM THE INTERIOR OF A CAR	SMITH, SHAWN D.
09568144	6454214	150	05/10/2000	DEVICE AND METHOD FOR CONNECTING TWO PARTS OF A CRAFT	SMITH, SHAWN H.
09518012	6422815	150	03/02/2000	TURBINE AIR SEAL REPLACEMENT RINGS	SMITH, SHAWN K.
10024106	6565314	150	12/18/2001	TURBINE AIR SEAL REPLACEMENT RINGS	SMITH, SHAWN K.
09520304	Not Issued	163	03/07/2000	Method and apparatus for actively auditing computers in a network	SMITH, SHAWN M.
09975378	6678896	150	10/11/2001	SPORTS TOWEL	SMITH, SHAWN M.
60702163	Not Issued	20	07/25/2005	Headwear with integral hydration reservoir	SMITH, SHAWN M.
60510001	Not Issued	159	10/09/2003	Invisivent	SMITH, SHAWN MARTIN
60802201	Not Issued	19	05/18/2006	Ivisivent	SMITH, SHAWN MARTIN
07796528	5223125	250	11/22/1991	OXYGEN SENSOR FOR ALUMINUM KILLED, HIGH SILICON STEEL MELTS	SMITH, SHAWN P.
09177202	6544210	150	10/22/1998	DISPOSABLE LAPAROSCOPIC SMOKE EVACUATION SYSTEM	SMITH, SHAWN P.
10779139	Not Issued	93	02/17/2004	MULTIPURPOSE TOOL	SMITH, SHAWN R.
09130552	Not Issued	161	08/08/1998	SWEETPEA BASS JIG	SMITH, SHAWN R.
60051246	Not Issued	159	06/30/1997	SWEETPEA BASS JIG	SMITH, SHAWN RAYMOND
60055171	Not Issued	159	08/08/1997	SWEETPEA BASS JIG	SMITH, SHAWN RAYMUND
09535147	6265939	250	03/24/2000	Linear power detectors and methods for power amplifiers	SMITH, SHAWN SCOTT

09627956	6862298	150	07/28/2000	ADAPTIVE JITTER BUFFER FOR INTERNET TELEPHONY	SMITH, SHAWN W
09860929	Not Issued	61	05/17/2001	Automatic volume control for voice over internet	SMITH, SHAWN W.
10065951	6996626	150	12/03/2002	CONTINUOUS BANDWIDTH ASSESSMENT AND FEEDBACK FOR VOICE-OVER-INTERNET-PROTOCOL (VOIP) COMPARING PACKET'S VOICE DURATION AND ARRIVAL RATE	SMITH, SHAWN W.
10191904	Not Issued	161	07/08/2002	System and method for providing voice messaging services utilizing a network connection	SMITH, SHAWN W.
10248002	Not Issued	30	12/09/2002	Closed-Loop Voice-Over-Internet-Protocol (VOIP) with Sender-Controlled Bandwidth Adjustments Prior to Onset of Packet Losses	SMITH, SHAWN W.
10604452	Not Issued	30	07/22/2003	Speaker-Buffer Management for Voice-Over-Internet-Protocol (VoIP) Triggered by Microphone-Buffer Arrival	SMITH, SHAWN W.
07806763	5267322	150	12/13/1991	DIGITAL AUTOMATIC GAIN CONTROL WITH LOOKAHEAD, ADAPTIVE NOISE FLOOR SENSING, AND DECAY BOOST INITIALIZATION	SMITH, SHAWN W.

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  www.cs.lth.se/Research/ProgEnv/Papers/SCM98.GH.pdf

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- An Introduction to Binary Decision Diagrams - 2:04pm
  www.cs.unb.ca/~gdueck/courses/cs4835/bdd97.pdf

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  www.hpl.hp.com/.../papers/2001-IWQoS-Traveling-to-Rome.pdf

function latency statistics workload

- Dynamic Function Placement for Data-Intensive Cluster Computing - 10:43am
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- Performance and Monitoring Overview - 10:42am
  docs.sun.com/source/817-6249/perfabout.html
- Observations on the Effects of Fault Manifestation as a Function ... - 10:42am
  doi.ieeecomputersociety.org/10.1109/12.142682

Jun 17, 2006

Using Attribute managed storage to achieve QoS

- Using attribute-managed storage to achieve QoS - 4:01pm
  www.hpl.hp.com/research/ssp/papers/IWQoS97.pdf

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Terms used **combining graphs** Found **75,474** of **178,880**

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1 Research track paper: On mining cross-graph quasi-cliques
Jian Pei, Daxin Jiang, Aidong Zhang
August 2005 **Proceeding of the eleventh ACM SIGKDD international conference on Knowledge discovery in data mining KDD '05**
Publisher: ACM Press
Full text available: pdf(573.85 KB) Additional Information: full citation, abstract, references, index terms

Joint mining of multiple data sets can often discover interesting, novel, and reliable patterns which cannot be obtained solely from any single source. For example, in cross-market customer segmentation, a group of customers who behave similarly in multiple markets should be considered as a more coherent and more reliable cluster than clusters found in a single market. As another example, in bioinformatics, by joint mining of gene expression data and protein interaction data, we can find cluster ...

Keywords: bioinformatics, graph mining, patterns

2 Session 10A: Approximating the list-chromatic number and the chromatic number in minor-closed and odd-minor-closed classes of graphs
Ken-ichi Kawarabayashi, Bojan Mohar
May 2006 **Proceedings of the thirty-eighth annual ACM symposium on Theory of computing STOC '06**
Publisher: ACM Press
Full text available: pdf(339.51 KB) Additional Information: full citation, abstract, references, index terms

It is well-known (Feige and Kilian [24], Håstad [39]) that approximating the chromatic number within a factor of $n^{1-\varepsilon}$ cannot be done in polynomial time for $\varepsilon>0$, unless coRP = NP. Computing the list-chromatic number is much harder than determining the chromatic number. It is known that the problem of deciding if the list-chromatic number is k, where $k \geq 3$, is Π_2^p-complete [37].In this paper, we focus on minor-closed and odd-minor-close ...

Keywords: Hadwiger conjecture, graph coloring, graph minor, list coloring, odd-minor

3 A framework for call graph construction algorithms
David Grove, Craig Chambers
November 2001 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 23 Issue 6
Publisher: ACM Press
Full text available: pdf(1.36 MB) Additional Information: full citation, abstract, references, citings, index terms

A large number of call graph construction algorithms for object-oriented and functional languages have been proposed, each embodying different tradeoffs between analysis cost and call graph precision. In this article we present a unifying framework for understanding call graph construction algorithms and an empirical comparison of a representative set of algorithms. We first present a general parameterized algorithm that encompasses many well-known and novel call graph construction algorithms. W ...

Keywords: Call graph construction, control flow analysis, interprocedural analysis

4 Coloring k-colorable graphs using smaller palettes
Eran Halperin, Ram Nathaniel, Uri Zwick
January 2001 **Proceedings of the twelfth annual ACM-SIAM symposium on Discrete algorithms**
Publisher: Society for Industrial and Applied Mathematics
Full text available: pdf(574.16 KB) Additional Information: full citation, abstract, references, citings, index terms

We obtain the following new coloring results:

- A 3-colorable graph on n vertices with maximum degree &Dgr; can be colored, in polynomial time, using $\&Ogr;((\&Dgr; \log \&Dgr;)^{1/3} \cdot \log n)$ colors. This slightly improves an $\&Ogr;((\&Dgr;^{1/3} \log^{1/6} \&Dgr;) \cdot \log n)$ bound given by Karger, Motwani and Sudan. More generally, k-colorable graphs with maximum degree &Dgr; can be colored, in polynomial ...

5 The power of a pebble: exploring and mapping directed graphs
Michael A. Bender, Antonio Fernández, Dana Ron, Amit Sahai, Salil Vadhan
May 1998 **Proceedings of the thirtieth annual ACM symposium on Theory of computing**
Publisher: ACM Press
Full text available: pdf(1.47 MB) Additional Information: full citation, references, citings, index terms

6 Oral session 2: web searching and applications: Multi-graph enabled active learning for multimodal web image retrieval
Xin-Jing Wang, Wei-Ying Ma, Lei Zhang, Xing Li
November 2005 **Proceedings of the 7th ACM SIGMM international workshop on Multimedia information retrieval MIR '05**
Publisher: ACM Press
Full text available: pdf(371.23 KB) Additional Information: full citation, abstract, references, index terms

In this paper, we propose a multimodal Web image retrieval technique based on multi-graph enabled active learning. The main goal is to leverage the heterogeneous data on the Web to improve retrieval precision. Three graphs are constructed on images' content features, textual annotations and hyperlinks respectively, namely Content-Graph, Text-Graph and Link-Graph, which provide complimentary information on the images. By analyzing the three graphs, a training dataset is automatically created and ...

Keywords: active learning, graph learning, mjultimodal image retrieval

Terms used **correcting DAG** Found **32,010** of **178,880**

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1 **The principled design of large-scale recursive neural network architectures--dag-rnns and the protein structure prediction problem**
Pierre Baldi, Gianluca Pollastri
December 2003 **The Journal of Machine Learning Research**, Volume 4
Publisher: MIT Press
Full text available: pdf(231.40 KB) Additional Information: full citation, abstract, references, index terms

We describe a general methodology for the design of large-scale recursive neural network architectures (DAG-RNNs) which comprises three fundamental steps: (1) representation of a given domain using suitable directed acyclic graphs (DAGs) to connect visible and hidden node variables; (2) parameterization of the relationship between each variable and its parent variables by feedforward neural networks; and (3) application of weight-sharing within appropriate subsets of DAG connections to capture s ...

2 **The weakest failure detector for solving consensus**
Tushar Deepak Chandra, Vassos Hadzilacos, Sam Toueg
July 1996 **Journal of the ACM (JACM)**, Volume 43 Issue 4
Publisher: ACM Press
Full text available: pdf(770.03 KB) Additional Information: full citation, abstract, references, citings, index terms

We determine what information about failures is necessary and sufficient to solve Consensus in asynchronous distributed systems subject to crash failures. In Chandra and Toueg [1996], it is shown that W, a failure detector that provides surprisingly little information about which processes have crashed, is sufficient to solve Consensus in asynchronous systems with a majority of correct processes. In this paper, we prove that to solve Consensus, any failure detector has to p ...

Keywords: Byzantine Generals' problem, agreement problem, asynchronous systems, atomic broadcast, commit problem, consensus problem, crash failures, failure detection, fault-tolerance, message passing, partial synchrony, processor failures

3 **Symbolic Debugging of Optimized Code**
John Hennessy
July 1982 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 4 Issue 3
Publisher: ACM Press

Full text available: pdf(1.37 MB) Additional Information: full citation, references, citings, index terms

4 **Incremental analysis of real programming languages**
Tim A. Wagner, Susan L. Graham
May 1997 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1997 conference on Programming language design and implementation PLDI '97**, Volume 32 Issue 5
Publisher: ACM Press
Full text available: pdf(1.95 MB) Additional Information: full citation, abstract, references, citings, index terms

A major research goal for compilers and environments is the automatic derivation of tools from formal specifications. However, the formal model of the language is often inadequate; in particular, LR(k) grammars are unable to describe the natural syntax of many languages, such as C++ and Fortran, which are inherently non-deterministic. Designers of batch compilers work around such limitations by combining generated components with ad hoc techniques (for instance, performing part ...

5 **Locking Primitives in a Database System**
Henry F. Korth
January 1983 **Journal of the ACM (JACM)**, Volume 30 Issue 1
Publisher: ACM Press
Full text available: pdf(1.61 MB) Additional Information: full citation, references, citings, index terms

6 **Shrinking the warehouse update Window**
Wilburt Juan Labio, Ramana Yerneni, Hector Garcia-Molina
June 1999 **ACM SIGMOD Record , Proceedings of the 1999 ACM SIGMOD international conference on Management of data SIGMOD '99**, Volume 28 Issue 2
Publisher: ACM Press
Full text available: pdf(1.34 MB) Additional Information: full citation, abstract, references, citings, index terms

Warehouse views need to be updated when source data changes. Due to the constantly increasing size of warehouses and the rapid rates of change, there is increasing pressure to reduce the time taken for updating the warehouse views. In this paper we focus on reducing this "update window" by minimizing the work required to compute and install a batch of updates. Various strategies have been proposed in the literature for updating a single warehouse view. These algorithms typically ...

7 **Resilience of general interactive tasks**
Benny Chor, Lee-Bath Nelson
August 1994 **Proceedings of the thirteenth annual ACM symposium on Principles of distributed computing**
Publisher: ACM Press
Full text available: pdf(977.65 KB) Additional Information: full citation, references, index terms

8 **Automatic generation of DAG parallelism**
R. Cytron, M. Hind, W. Hsieh
June 1989 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1989 Conference on Programming language design and implementation PLDI '89**, Volume 24 Issue 7
Publisher: ACM Press

Terms used **DAG combination** Found **54,583** of **178,880**

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1 Combinational logic synthesis for LUT based field programmable gate arrays
Jason Cong, Yuzheng Ding
April 1996 **ACM Transactions on Design Automation of Electronic Systems (TODAES),** Volume 1 Issue 2
Publisher: ACM Press
Full text available: pdf(628.91 KB) Additional Information: full citation, abstract, references, citings, index terms, review

The increasing popularity of the field programmable gate-array (FPGA) technology has generated a great deal of interest in the algorithmic study and tool development for FPGA-specific design automation problems. The most widely used FPGAs are LUT based FPGAs, in which the basic logic element is a K-input one-output lookup-table (LUT) that can implement any Boolean function of up to K variables. This unique feature of the LUT has brought new challenges to lo ...

Keywords: FPGA, area minimization, computer-aided design of VLSI, decomposition, delay minimization, delay modeling, logic optimization, power minimization, programmable logic, routing, simplification, synthesis, system design, technology mapping

2 Delay-optimal technology mapping by DAG covering
Yuji Kukimoto, Robert K. Brayton, Prashant Sawkar
May 1998 **Proceedings of the 35th annual conference on Design automation**
Publisher: ACM Press
Full text available: pdf(200.73 KB) Publisher Site Additional Information: full citation, abstract, references, citings, index terms

We propose an algorithm for minimal-delay technology mapping for library-based designs. We show that subject graphs need not be decomposed into trees for delay minimization; they can be mapped directly as DAGs. Experimental results demonstrate that significant delay improvement is possible by this new approach.

Keywords: congestion, global routing, quadratic placement, relaxed pins, routing models, supply-demand

3 The principled design of large-scale recursive neural network architectures--dag-rnns

and the protein structure prediction problem
Pierre Baldi, Gianluca Pollastri
December 2003 **The Journal of Machine Learning Research,** Volume 4
Publisher: MIT Press
Full text available: pdf(231.40 KB) Additional Information: full citation, abstract, references, index terms

We describe a general methodology for the design of large-scale recursive neural network architectures (DAG-RNNs) which comprises three fundamental steps: (1) representation of a given domain using suitable directed acyclic graphs (DAGs) to connect visible and hidden node variables; (2) parameterization of the relationship between each variable and its parent variables by feedforward neural networks; and (3) application of weight-sharing within appropriate subsets of DAG connections to capture s ...

4 A Method of Test Generation fo Path Delay Faults Using Stuck-at Fault Test Generation Algorithms
Satoshi Ohtake, Kouhei Ohtani, Hideo Fujiwara
March 2003 **Proceedings of the conference on Design, Automation and Test in Europe - Volume 1 DATE '03**
Publisher: IEEE Computer Society
Full text available: pdf(158.22 KB) Publisher Site Additional Information: full citation, abstract, index terms

In this paper, we propose a test generation method for non-robust path delay faults using stuck-at fault test generation algorithms. In our method, we first transform an original combinational circuit into a circuit called a partial leaf-dag using path-leaf transformation. Then we generate test patterns using a stuck-at fault test generation algorithm for stuck-at faults in the partial leaf-dag. Finally we transform the test patterns into two-pattern tests for path delay faults in the original c ...

5 Research session: XML query processing #4: Structure and content scoring for XML
Sihem Amer-Yahia, Nick Koudas, Amélie Marian, Divesh Srivastava, David Toman
August 2005 **Proceedings of the 31st international conference on Very large data bases VLDB '05**
Publisher: VLDB Endowment
Full text available: pdf(637.09 KB) Additional Information: full citation, abstract, references, index terms

XML repositories are usually queried both on structure and content. Due to structural heterogeneity of XML, queries are often interpreted approximately and their answers are returned ranked by scores. Computing answer scores in XML is an active area of research that oscillates between pure content scoring such as the well-known *tf*idf* and taking structure into account. However, none of the existing proposals *fully accounts for structure* and *combines it with content* to score ...

6 An efficient algorithm for finding the minimal-area FPGA technology mapping
Chi-Chou Kao, Yen-Tai Lai
January 2005 **ACM Transactions on Design Automation of Electronic Systems (TODAES),** Volume 10 Issue 1
Publisher: ACM Press
Full text available: pdf(231.76 KB) Additional Information: full citation, abstract, references, index terms

Minimum area is one of the important objectives in technology mapping for lookup table-based field-progrmmable gate arrays (FPGAs). Although there is an algorithm that can find an optimal solution in polynomial time for the minimal-area FPGA technology mapping problem without gate duplication, its time complexity can grow exponentially with the number of inputs of the lookup-tables. This article proposes an algorithm with approximate to the area-optimal solution and lower time complexity. The ti ...

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#3	((((directed acyclic graph <in>metadata) <or> (dag<in>metadata)))<AND> (union<or>combination<or>combine<or>intersection<in>metadata))
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